



CITY OF HAYWARD

AGENDA REPORT

AGENDA DATE 11/23/99

AGENDA ITEM 2

WORK SESSION ITEM

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Arden/Shasta Trunk Sewer and Manhole Rehabilitation Project – Approval of Addenda No. 1 and No. 2, and Award of Contract

RECOMMENDATION:

Staff recommends that the City Council approve the attached resolution that approves Addenda Nº. 1 and Nº. 2, and awards the construction contract for the Arden/Shasta Trunk Sewer and Manhole Rehabilitation Project to the lowest responsible bidder, Mountain Cascade, Incorporated, in the amount of \$734,248.

BACKGROUND/DISCUSSION:

The Arden and Shasta trunkline sewers are an integral and important part of the City's sanitary sewer system. The Arden trunkline conveys about 40 percent of all sewage flows to the City's Water Pollution Control Facility. It was constructed with 39-inch reinforced concrete pipe in 1966. A study by Harris & Associates determined that manholes were sufficiently deteriorated from corrosion to warrant lining or coating. This project provides for the rehabilitation of 33 manholes on the trunkline sewer.

The Shasta trunkline was constructed with 27-inch and 36-inch reinforced concrete pipe in 1952. TV inspection disclosed that for a length of about 3,000 feet, the pipe had suffered moderate to severe corrosion, and where the line crosses beneath Highway 92, an offset had developed. The offset and corrosion have caused grease accumulation that has resulted in reduced hydraulic capacity. The above study by Harris & Associates recommended pipe lining to mitigate the corrosion and to construct a new line that will bypass the offset portion beneath Highway 92. This project provides for the rehabilitation of 2400 feet of the trunkline sewer and the replacement of 480 feet of the sewer that crosses under State Route 92.

On September 21, 1999, the City Council approved plans and specification for the Arden/Shasta Trunk Sewer and Manhole Rehabilitation Project, and called for bids to be received on October 26, 1999. This date was moved back to November 2, 1999 by Addendum Nº 1. Addendum Nº 2 makes minor revisions to the plans and specifications.

Eight bids were received on November 2, 1999, ranging from \$734,248 to \$1,014,755. The Engineer's estimate was \$900,000. Four of the bids were above this estimate and four were below. The low bid is about 19 percent less than the Engineer's Estimate. The second low bid, submitted by Preussag Pipe Rehabilitation in the amount of \$764,618, is 16 percent lower than the engineer's estimate.

The specifications allowed each bidder to choose from 4 options for lining a portion of the Shasta Trunkline. The low bidder has chosen to use sliplining. The specifications also allowed a choice from 3 options to rehabilitate each of 33 manholes. The low bidder has chosen to provide epoxy mortar coating for 29 manholes and has opted to replace the remaining 4 manholes.

The Disadvantaged Business Enterprise (DBE) and Women Business Enterprise (WBE) goals for this project were established at 6 percent combined DBE/WBE. The low bidder proposes to utilize 7.8 percent combined DBE/WBE.

Project Cost:

The estimated costs for the two projects are as follows:

Construction Cost	\$734,248
Design and Administration	200,000
Inspection and Construction Surveys	50,000
Total	\$984,248

Funding:

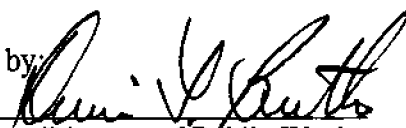
A total of \$1,000,000 has been approved for these projects in the Sewer Collection System Replacement Fund of the 1999/2000 Capital Improvement Program.

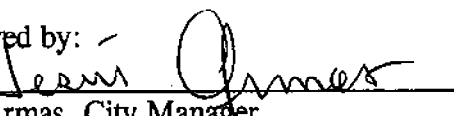
Schedule:

The following schedule has been developed for this project:

Award Construction Contract	November 23, 1999
Begin Construction	January 3, 2000
Construction completion	April 30, 2000

Prepared by: 
Alex Ameri, Deputy Director of Public Works/Utilities

Recommended by: 
Dennis L. Butler, Director of Public Works

Approved by: 
Jesus Armas, City Manager

Attachments:

- Exhibit A: Project Location Maps
- Exhibit B: Bid Summary

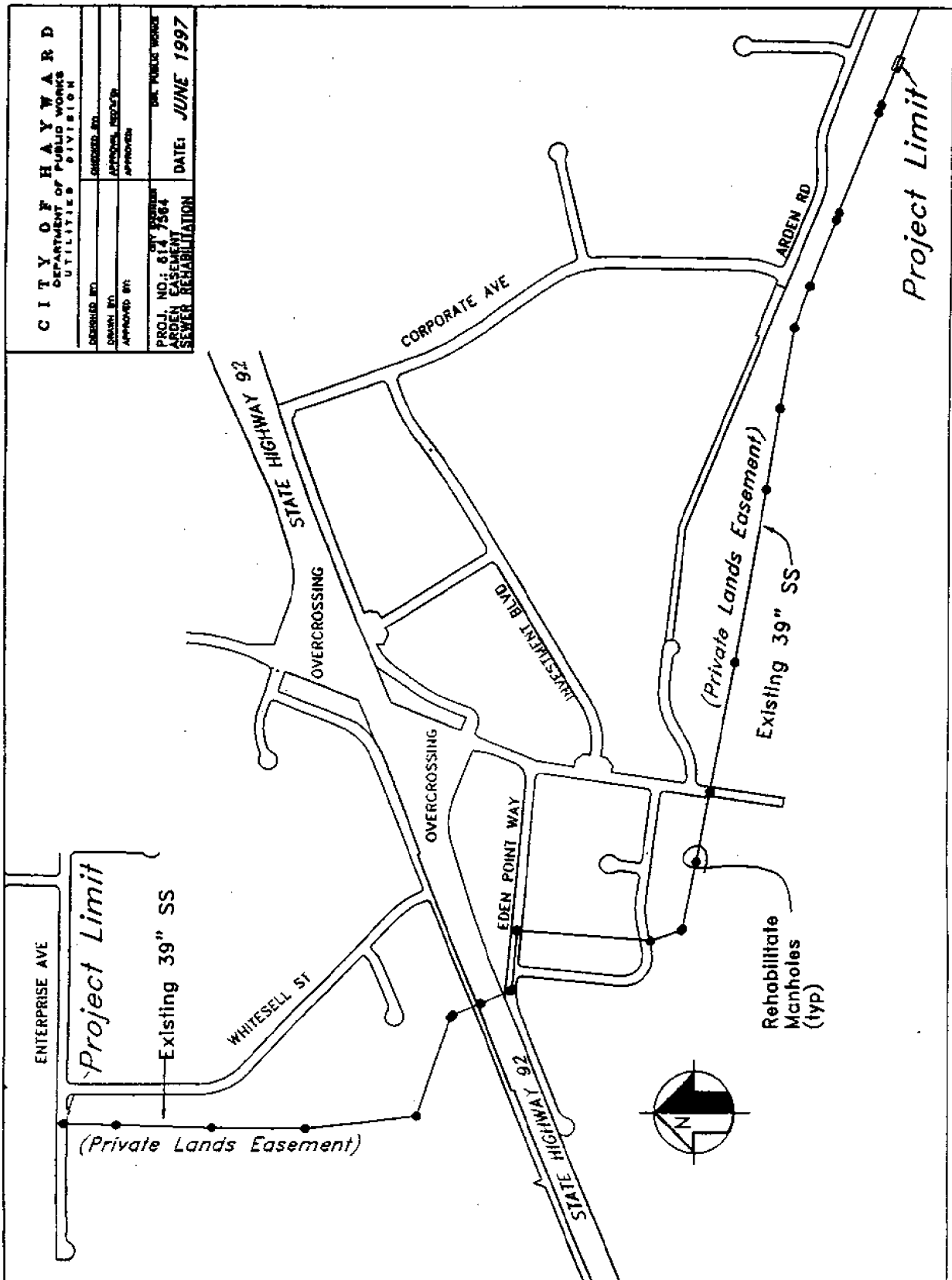


EXHIBIT A - PAGE 1
ARDEN TRUNKLINE

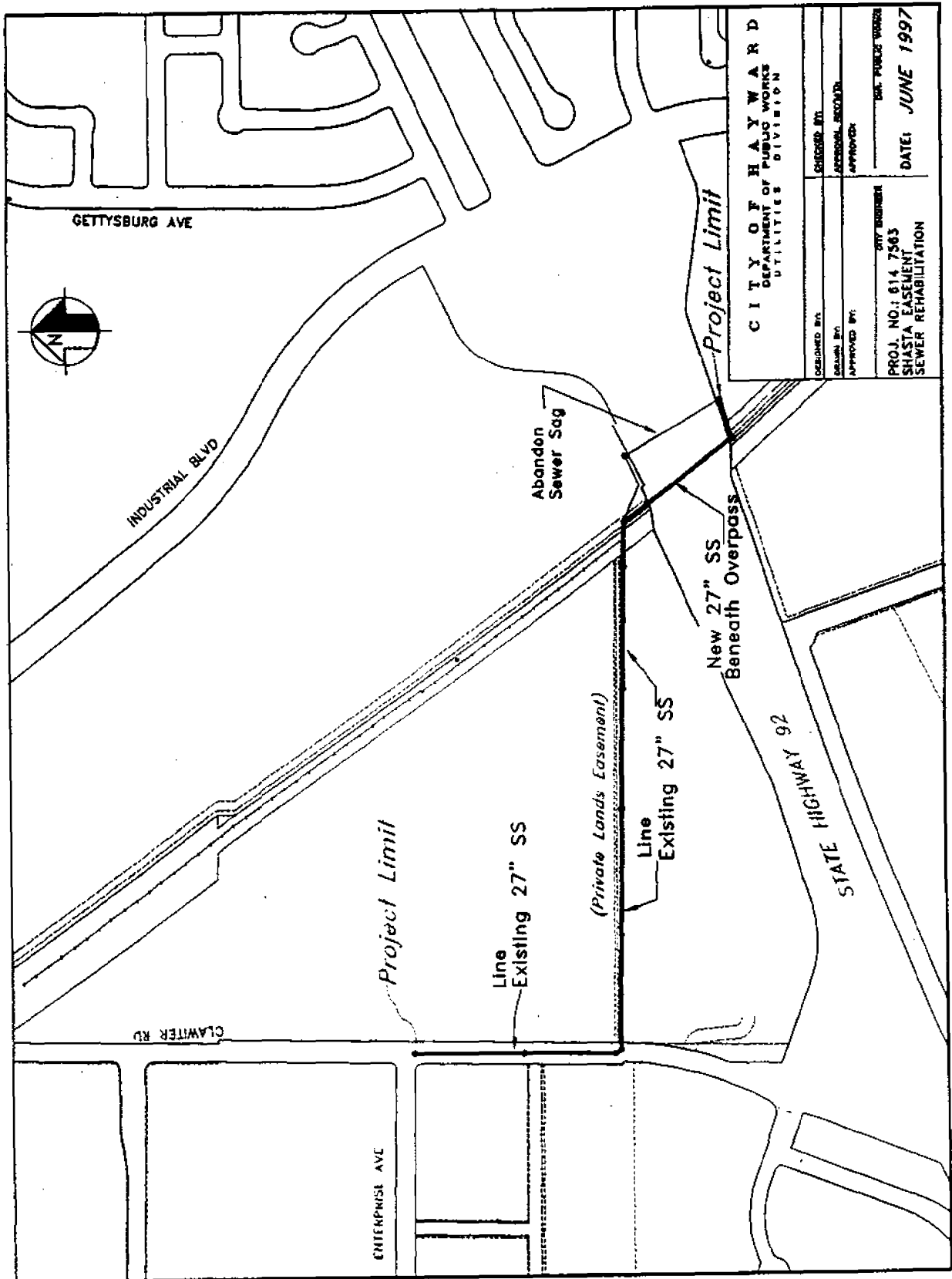


EXHIBIT A - PAGE 2
SHASTA TRUNKLINE

CITY OF HAYWARD
 ARDEN/SHASTA TRUNK SEWERS AND MANHOLE REHABILITATION PROJECT
 PROJECT NO. 7563 & 7564
 BIDS OPENED: NOVEMBER 2, 1999

(NUMBER OF BIDS RECEIVED - 8)

PAGE 1 OF 12

BID SUMMARY				ENGINEER'S ESTIMATE		MOUNTAIN CASCADE, INC. P.O. BOX 5050 LIVERMORE, CA 94550 (925) 373-8370			PREUSSAG PIPE REHAB., INC. 2615 S. ROUSSELLE STREET SANTA ANA, CA 92707 (714) 428-4515		
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL
1	1	LS	CONSTRUCTION AREA SIGNS	2,500.00	2,500.00	--	1,212.00	1,212.00	--	1,325.00	1,325.00
2	1	LS	TRAFFIC CONTROL	7,500.00	7,500.00	--	2,495.00	2,495.00	--	2,650.00	2,650.00
FOR EACH PAY ITEM OF REHABILITATE SANITARY SEWER MANHOLE (SSMH), ITEM NUMBERS 3 THROUGH 37, EXCEPT 25 AND 38, IDENTIFY THE OPTION NUMBER SELECTED IN THE SPACE PROVIDED.											
OPTION 1: FIBERGLASS LINER											
OPTION 2: EPOXY MORTAR COATING											
OPTION 3: REMOVE AND REPLACE CONCRETE BARRELL AND CONE											
3	1	EA	REHABILITATE SSMH#183, ARDEN	4,050.00	4,050.00	2	3,525.00	3,525.00	2	3,736.50	3,736.50
4	1	EA	REHABILITATE SSMH#182, ARDEN	3,825.00	3,825.00	2	3,500.00	3,500.00	2	3,710.00	3,710.00
5	1	EA	REHABILITATE SSMH#181, ARDEN	3,825.00	3,825.00	2	4,100.00	4,100.00	2	4,346.00	4,346.00
6	1	EA	REHABILITATE SSMH#180, ARDEN	3,690.00	3,690.00	2	4,100.00	4,100.00	2	4,346.00	4,346.00
7	1	EA	REHABILITATE SSMH#179, ARDEN	4,350.00	4,350.00	2	3,850.00	3,850.00	2	4,081.00	4,081.00
8	1	EA	REHABILITATE SSMH#178, ARDEN	3,750.00	3,750.00	2	3,600.00	3,600.00	2	3,816.00	3,816.00
9	1	EA	REHABILITATE SSMH#177, ARDEN	3,150.00	3,150.00	2	3,100.00	3,100.00	2	3,286.00	3,286.00
10	1	EA	REHABILITATE SSMH#176, ARDEN	3,150.00	3,150.00	2	3,850.00	3,850.00	2	3,286.00	3,286.00
11	1	EA	REHABILITATE SSMH#175, ARDEN	3,600.00	3,600.00	2	4,050.00	4,050.00	2	4,081.00	4,081.00
12	1	EA	REHABILITATE SSMH#174, ARDEN	4,796.00	4,796.00	2	4,000.00	4,000.00	2	4,293.00	4,293.00
13	1	EA	REHABILITATE SSMH#173, ARDEN	4,658.00	4,658.00	2	3,800.00	3,800.00	2	4,240.00	4,240.00
14	1	EA	REHABILITATE SSMH#172, ARDEN	4,140.00	4,140.00	2	3,400.00	3,400.00	2	4,028.00	4,028.00
15	1	EA	REHABILITATE SSMH#171, ARDEN	3,960.00	3,960.00	2	3,250.00	3,250.00	2	3,604.00	3,604.00
16	1	EA	REHABILITATE SSMH#170, ARDEN	2,100.00	2,100.00	2	3,200.00	3,200.00	2	3,445.00	3,445.00
17	1	EA	REHABILITATE SSMH#169, ARDEN	2,490.00	2,490.00	2	3,100.00	3,100.00	2	3,392.00	3,392.00
18	1	EA	REHABILITATE SSMH#168, ARDEN	2,490.00	2,490.00	2	3,200.00	3,200.00	2	3,392.00	3,392.00
19	1	EA	REHABILITATE SSMH#167, ARDEN	2,100.00	2,100.00	2	2,700.00	2,700.00	2	2,862.00	2,862.00
20	1	EA	REHABILITATE SSMH#166, ARDEN	2,145.00	2,145.00	2	2,500.00	2,500.00	2	2,650.00	2,650.00

CITY OF HAYWARD

ARDEN/SHASTA TRUNK SEWERS AND MANHOLE REHABILITATION PROJECT

PROJECT NO. 7563 & 7564

BIDS OPENED: NOVEMBER 2, 1999

(NUMBER OF BIDS RECEIVED - 8)

PAGE 2 OF 12

BID SUMMARY				ENGINEER'S ESTIMATE		MOUNTAIN CASCADE, INC. P.O. BOX 5050 LIVERMORE, CA 94550 (925) 373-8370			PREUSSAG PIPE REHAB., INC. 2615 S. ROUSSELLE STREET SANTA ANA, CA 92707 (714) 428-4515		
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL
21	1	EA	REHABILITATE SSMH#165, ARDEN	1,575.00	1,575.00	2	2,850.00	2,850.00	2	3,021.00	3,021.00
22	1	EA	REHABILITATE SSMH#164, ARDEN	1,650.00	1,650.00	3	2,400.00	2,400.00	3	2,544.00	2,544.00
23	1	EA	REHABILITATE SSMH#163, ARDEN	1,275.00	1,275.00	3	2,250.00	2,250.00	3	2,385.00	2,385.00
24	1	EA	REHABILITATE SSMH#162, ARDEN	1,200.00	1,200.00	3	2,125.00	2,125.00	3	2,252.50	2,252.50
25	1	EA	REMOVE AND REPLACE EXISTING SSMH#160 MANHOLE FRAME AND COVER WITH BOLT-DOWN FRAME AND COVER	1,500.00	1,500.00	--	1,200.00	1,200.00	--	1,272.00	1,272.00
26	1	EA	REHABILITATE SSMH#158, ARDEN	1,380.00	1,380.00	2	2,750.00	2,750.00	2	2,915.00	2,915.00
27	1	EA	REHABILITATE SSMH#80A, SHASTA	6,300.00	6,300.00	2	5,100.00	5,100.00	2	5,406.00	5,406.00
28	1	EA	REHABILITATE SSMH#79, SHASTA	5,900.00	5,900.00	2	4,900.00	4,900.00	2	5,194.00	5,194.00
29	1	EA	REHABILITATE SSMH#78, SHASTA	6,100.00	6,100.00	2	5,000.00	5,000.00	2	5,300.00	5,300.00
30	1	EA	REHABILITATE SSMH#77, SHASTA	6,000.00	6,000.00	2	4,700.00	4,700.00	2	4,982.00	4,982.00
31	1	EA	REHABILITATE SSMH#76, SHASTA	5,790.00	5,790.00	2	5,100.00	5,100.00	2	5,406.00	5,406.00
32	1	EA	REHABILITATE SSMH#75, SHASTA	4,950.00	4,950.00	2	4,700.00	4,700.00	2	4,982.00	4,982.00
33	1	EA	REHABILITATE SSMH#74, SHASTA	3,690.00	3,690.00	2	3,500.00	3,500.00	2	3,710.00	3,710.00
34	1	EA	REHABILITATE SSMH#66, SHASTA	3,600.00	3,600.00	2	3,350.00	3,350.00	2	3,710.00	3,710.00
35	1	EA	REHABILITATE SSMH#133, SHASTA	3,150.00	3,150.00	2	3,350.00	3,350.00	2	3,710.00	3,710.00
36	1	EA	REMOVE AND REPLACE SSMH#132, SHASTA	5,130.00	5,130.00	3	4,025.00	4,025.00	3	4,266.50	4,266.50
37	1	EA	REHABILITATE SSMH#129, SHASTA	2,250.00	2,250.00	2	2,650.00	2,650.00	2	2,809.00	2,809.00
38	1	EA	CONSTRUCT NEW SSMH#129A, SHASTA	5,500.00	5,500.00	--	3,625.00	3,625.00	--	3,842.50	3,842.50
39	2394	LF	LINE EX 27-INCH SS WITH 24-INCH MIN. I.D. LINER	190.00	454,860.00	1	122.00	292,068.00	4	117.30	280,816.20
40	480	LF	CONSTRUCT 24-INCH SS	250.00	120,000.00	--	215.00	103,200.00	--	233.20	111,936.00

CITY OF HAYWARD

ARDEN/SHASTA TRUNK SEWERS AND MANHOLE REHABILITATION PROJECT

PROJECT NO. 7563 & 7564

BIDS OPENED: NOVEMBER 2, 1999

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ITEM	QUANTITY UNIT			UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL
41	89	LF	REMOVE AND REPLACE EXISTING 27-INCH SS WITH 24-INCH SS	300.00	26,700.00	--	221.00	19,669.00	--	254.40	22,641.60
42	1	LS	BYPASS PUMPING	15,000.00	15,000.00	--	7,450.00	7,450.00	--	20,000.00	20,000.00
43	1	LS	TRENCH SHORING, SHEETING AND BRACING	2,500.00	2,500.00	--	30,000.00	30,000.00	--	37,100.00	37,100.00
44	5	CY	ROCK EXCAVATION (THIS BID ITEM IS REVOCABLE IF NO ROCK EXCAVATION IS REQUIRED.)	50.00	250.00	--	10.00	50.00	--	95.40	477.00
45	20	CY	UNSATISFACTORY SOIL CONDITIONS (THIS ITEM IS REVOCABLE IF NO SATISFACTORY MATERIAL IS ENCOUNTERED.)	50.00	1,000.00	--	80.00	1,600.00	--	92.20	1,844.00
46	4	EA	EXPLORATORY EXCAVATION, (POTHOLING)	500.00	2,000.00	--	26.00	104.00	--	381.60	1,526.40
47	1	LS	ADMINISTRATIVE CHANGE ORDER	150,000.00	150,000.00	--	150,000.00	150,000.00	--	150,000.00	150,000.00
			TOTAL		911,519.00			734,248.00			764,618.20

CITY OF HAYWARD
 ARDEN/SHASTA TRUNK SEWERS AND MANHOLE REHABILITATION PROJECT
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PAGE 4 OF 12

BID SUMMARY				ENGINEER'S ESTIMATE		D'ARCY HARTY CONST., INC. 1300 CARROLL AVENUE SAN FRANCISCO, CA 94124 (415) 822-6200			FERMIN SIERRA CONST., INC. 32203 ALMADEN BLVD. UNION CITY, CA 94587 (510) 471-1474		
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL
1	1	LS	CONSTRUCTION AREA SIGNS	2,500.00	2,500.00	--	3,000.00	3,000.00	--	5,000.00	5,000.00
2	1	LS	TRAFFIC CONTROL	7,500.00	7,500.00	--	4,000.00	4,000.00	--	35,000.00	35,000.00
FOR EACH PAY ITEM OF REHABILITATE SANITARY SEWER MANHOLE (SSMH), ITEM NUMBERS 3 THROUGH 37, EXCEPT 25 AND 38, IDENTIFY THE OPTION NUMBER SELECTED IN THE SPACE PROVIDED.											
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OPTION 3: REMOVE AND REPLACE CONCRETE BARRELL AND CONE											
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4	1	EA	REHABILITATE SSMH#182, ARDEN	3,825.00	3,825.00	2	2,500.00	2,500.00		3,750.00	3,750.00
5	1	EA	REHABILITATE SSMH#181, ARDEN	3,825.00	3,825.00	2	2,500.00	2,500.00		4,700.00	4,700.00
6	1	EA	REHABILITATE SSMH#180, ARDEN	3,690.00	3,690.00	2	2,500.00	2,500.00		4,700.00	4,700.00
7	1	EA	REHABILITATE SSMH#179, ARDEN	4,350.00	4,350.00	2	2,500.00	2,500.00		3,250.00	3,250.00
8	1	EA	REHABILITATE SSMH#178, ARDEN	3,750.00	3,750.00	2	2,500.00	2,500.00		3,250.00	3,250.00
9	1	EA	REHABILITATE SSMH#177, ARDEN	3,150.00	3,150.00	2	2,300.00	2,300.00		4,450.00	4,450.00
10	1	EA	REHABILITATE SSMH#176, ARDEN	3,150.00	3,150.00	2	2,300.00	2,300.00		5,250.00	5,250.00
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14	1	EA	REHABILITATE SSMH#172, ARDEN	4,140.00	4,140.00	2	2,500.00	2,500.00		4,750.00	4,750.00
15	1	EA	REHABILITATE SSMH#171, ARDEN	3,960.00	3,960.00	2	2,300.00	2,300.00		4,600.00	4,600.00
16	1	EA	REHABILITATE SSMH#170, ARDEN	2,100.00	2,100.00	2	2,000.00	2,000.00		3,500.00	3,500.00
17	1	EA	REHABILITATE SSMH#169, ARDEN	2,490.00	2,490.00	2	2,000.00	2,000.00		3,200.00	3,200.00
18	1	EA	REHABILITATE SSMH#168, ARDEN	2,490.00	2,490.00	2	2,000.00	2,000.00		3,200.00	3,200.00
19	1	EA	REHABILITATE SSMH#167, ARDEN	2,100.00	2,100.00	2	2,000.00	2,000.00		2,750.00	2,750.00
20	1	EA	REHABILITATE SSMH#166, ARDEN	2,145.00	2,145.00	2	2,000.00	2,000.00		2,250.00	2,250.00

CITY OF HAYWARD

ARDEN/SHASTA TRUNK SEWERS AND MANHOLE REHABILITATION PROJECT

PROJECT NO. 7563 & 7564

BIDS OPENED: NOVEMBER 2, 1999

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22	1	EA	REHABILITATE SSMH#164, ARDEN	1,650.00	1,650.00	2	2,000.00	2,000.00		2,500.00	2,500.00
23	1	EA	REHABILITATE SSMH#163, ARDEN	1,275.00	1,275.00	2	2,000.00	2,000.00		2,250.00	2,250.00
24	1	EA	REHABILITATE SSMH#162, ARDEN	1,200.00	1,200.00	2	2,000.00	2,000.00		2,250.00	2,250.00
25	1	EA	REMOVE AND REPLACE EXISTING SSMH#160 MANHOLE FRAME AND COVER WITH BOLT-DOWN FRAME AND COVER	1,500.00	1,500.00	--	500.00	500.00	--	1,050.00	1,050.00
26	1	EA	REHABILITATE SSMH#158, ARDEN	1,380.00	1,380.00	2	2,000.00	2,000.00		2,700.00	2,700.00
27	1	EA	REHABILITATE SSMH#80A, SHASTA	6,300.00	6,300.00	2	4,000.00	4,000.00		6,000.00	6,000.00
28	1	EA	REHABILITATE SSMH#79, SHASTA	5,900.00	5,900.00	2	4,000.00	4,000.00		6,000.00	6,000.00
29	1	EA	REHABILITATE SSMH#78, SHASTA	6,100.00	6,100.00	2	4,000.00	4,000.00		6,000.00	6,000.00
30	1	EA	REHABILITATE SSMH#77, SHASTA	6,000.00	6,000.00	2	4,000.00	4,000.00		6,000.00	6,000.00
31	1	EA	REHABILITATE SSMH#76, SHASTA	5,790.00	5,790.00	2	4,500.00	4,500.00		6,950.00	6,950.00
32	1	EA	REHABILITATE SSMH#75, SHASTA	4,950.00	4,950.00	2	4,000.00	4,000.00		4,750.00	4,750.00
33	1	EA	REHABILITATE SSMH#74, SHASTA	3,690.00	3,690.00	2	2,500.00	2,500.00		3,750.00	3,750.00
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35	1	EA	REHABILITATE SSMH#133, SHASTA	3,150.00	3,150.00	2	2,500.00	2,500.00		3,250.00	3,250.00
36	1	EA	REMOVE AND REPLACE SSMH#132, SHASTA	5,130.00	5,130.00	3	3,500.00	3,500.00		12,863.00	12,863.00
37	1	EA	REHABILITATE SSMH#129, SHASTA	2,250.00	2,250.00	2	2,200.00	2,200.00		2,500.00	2,500.00
38	1	EA	CONSTRUCT NEW SSMH#129A, SHASTA	5,500.00	5,500.00	--	3,500.00	3,500.00	--	10,500.00	10,500.00
39	2394	LF	LINE EX 27-INCH SS WITH 24-INCH MIN. I.D. LINER	190.00	454,860.00	1	140.00	335,160.00		137.50	329,175.00
40	480	LF	CONSTRUCT 24-INCH SS	250.00	120,000.00	--	310.00	148,800.00	--	285.00	136,800.00

CITY OF HAYWARD
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(NUMBER OF BIDS RECEIVED - 8)

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BID SUMMARY			ENGINEER'S ESTIMATE		D'ARCY HARTY CONST., INC. 1300 CARROLL AVENUE SAN FRANCISCO, CA 94124 (415) 822-5200			FERMIN SIERRA CONST., INC. 32203 ALMADEN BLVD. UNION CITY, CA 94587 (510) 471-1474		
ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL
41.	89	LF	REMOVE AND REPLACE EXISTING 27- INCH SS WITH 24-INCH SS	300.00 26,700.00	--	320.00	28,480.00	--	330.00	29,370.00
42.	1	LS	BYPASS PUMPING	15,000.00 15,000.00	--	20,000.00	20,000.00	--	7,830.00	7,830.00
43.	1	LS	TRENCH SHORING, SHEETING AND BRACING	2,500.00 2,500.00	--	50,000.00	50,000.00	--	30,000.00	30,000.00
44.	5	CY	ROCK EXCAVATION (THIS BID ITEM IS REVOCABLE IF NO ROCK EXCAVATION IS REQUIRED.)	50.00 250.00	--	20.00	100.00	--	50.00	250.00
45.	20	CY	UNSATISFACTORY SOIL CONDITIONS (THIS ITEM IS REVOCABLE IF NO SATISFACTORY MATERIAL IS ENCOUNTERED.)	50.00 1,000.00	--	20.00	400.00	--	75.00	1,500.00
46.	4	EA	EXPLORATORY EXCAVATION, (POTHOLING)	500.00 2,000.00	--	200.00	800.00	--	1,500.00	6,000.00
47.	1	LS	ADMINISTRATIVE CHANGE ORDER	150,000.00 150,000.00	--	150,000.00	150,000.00	--	150,000.00	150,000.00
			TOTAL	911,519.00			835,340.00			888,888.00

CITY OF HAYWARD

ARDEN/SHASTA TRUNK SEWERS AND MANHOLE REHABILITATION PROJECT

PROJECT NO. 7563 & 7564

BIDS OPENED: NOVEMBER 2, 1999

(NUMBER OF BIDS RECEIVED - 8)

PAGE 7 OF 12

BID SUMMARY				ENGINEER'S ESTIMATE		GELCO SERVICES, INC. 2990 PORTLAND RD., NE SALEM, OR 97303 (503) 364-1199			ANDES CONSTRUCTION, INC. 5305 E. 12TH STREET OAKLAND, CA (510) 536-7832		
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL
1	1	LS	CONSTRUCTION AREA SIGNS	2,500.00	2,500.00	--	11,500.00	11,500.00	--	5,000.00	5,000.00
2	1	LS	TRAFFIC CONTROL	7,500.00	7,500.00	--	32,000.00	32,000.00	--	7,500.00	7,500.00
FOR EACH PAY ITEM OF REHABILITATE SANITARY SEWER MANHOLE (SSMH), ITEM NUMBERS 3 THROUGH 37, EXCEPT 25 AND 38, IDENTIFY THE OPTION NUMBER SELECTED IN THE SPACE PROVIDED.											
OPTION 1: FIBERGLASS LINER											
OPTION 2: EPOXY MORTAR COATING											
OPTION 3: REMOVE AND REPLACE CONCRETE BARRELL AND CONE											
3	1	EA	REHABILITATE SSMH#183, ARDEN	4,050.00	4,050.00	2	3,500.00	3,500.00	2	6,100.00	6,100.00
4	1	EA	REHABILITATE SSMH#182, ARDEN	3,825.00	3,825.00	2	3,300.00	3,300.00	2	6,000.00	6,000.00
5	1	EA	REHABILITATE SSMH#181, ARDEN	3,825.00	3,825.00	2	3,800.00	3,800.00	2	6,000.00	6,000.00
6	1	EA	REHABILITATE SSMH#180, ARDEN	3,690.00	3,690.00	2	3,700.00	3,700.00	2	5,500.00	5,500.00
7	1	EA	REHABILITATE SSMH#179, ARDEN	4,350.00	4,350.00	2	3,200.00	3,200.00	2	5,700.00	5,700.00
8	1	EA	REHABILITATE SSMH#178, ARDEN	3,750.00	3,750.00	2	3,200.00	3,200.00	2	5,700.00	5,700.00
9	1	EA	REHABILITATE SSMH#177, ARDEN	3,150.00	3,150.00	2	3,300.00	3,300.00	2	5,500.00	5,500.00
10	1	EA	REHABILITATE SSMH#176, ARDEN	3,150.00	3,150.00	2	3,600.00	3,600.00	2	5,100.00	5,100.00
11	1	EA	REHABILITATE SSMH#175, ARDEN	3,600.00	3,600.00	2	3,900.00	3,900.00	2	5,500.00	5,500.00
12	1	EA	REHABILITATE SSMH#174, ARDEN	4,796.00	4,796.00	2	4,300.00	4,300.00	2	6,500.00	6,500.00
13	1	EA	REHABILITATE SSMH#173, ARDEN	4,658.00	4,658.00	2	3,900.00	3,900.00	2	6,300.00	6,300.00
14	1	EA	REHABILITATE SSMH#172, ARDEN	4,140.00	4,140.00	2	3,900.00	3,900.00	2	3,500.00	3,500.00
15	1	EA	REHABILITATE SSMH#171, ARDEN	3,960.00	3,960.00	2	3,500.00	3,500.00	2	4,500.00	4,500.00
16	1	EA	REHABILITATE SSMH#170, ARDEN	2,100.00	2,100.00	2	2,800.00	2,800.00	2	4,300.00	4,300.00
17	1	EA	REHABILITATE SSMH#169, ARDEN	2,490.00	2,490.00	2	2,800.00	2,800.00	2	3,500.00	3,500.00
18	1	EA	REHABILITATE SSMH#168, ARDEN	2,490.00	2,490.00	2	2,800.00	2,800.00	2	3,300.00	3,300.00
19	1	EA	REHABILITATE SSMH#167, ARDEN	2,100.00	2,100.00	2	2,100.00	2,100.00	2	3,500.00	3,500.00
20	1	EA	REHABILITATE SSMH#166, ARDEN	2,145.00	2,145.00	2	2,000.00	2,000.00	2	3,400.00	3,400.00

CITY OF HAYWARD

ARDEN/SHASTA TRUNK SEWERS AND MANHOLE REHABILITATION PROJECT

PROJECT NO. 7563 & 7564

BIDS OPENED: NOVEMBER 2, 1999

(NUMBER OF BIDS RECEIVED - 8)

PAGE 8 OF 12

BID SUMMARY				ENGINEER'S ESTIMATE		GELCO SERVICES, INC. 2990 PORTLAND RD., NE SALEM, OR 97303 (503) 364-1199			ANDES CONSTRUCTION, INC. 5305 E. 12TH STREET OAKLAND, CA (510) 536-7832		
ITEM	QUANTITY UNIT			UNIT PRICE	TOTAL	OPTION			OPTION		
						No.	UNIT PRICE	TOTAL	No.	UNIT PRICE	TOTAL
21	1	EA	REHABILITATE SSMH#165, ARDEN	1,575.00	1,575.00	2	2,200.00	2,200.00	2	2,500.00	2,500.00
22	1	EA	REHABILITATE SSMH#164, ARDEN	1,650.00	1,650.00	2	1,800.00	1,800.00	2	2,500.00	2,500.00
23	1	EA	REHABILITATE SSMH#163, ARDEN	1,275.00	1,275.00	2	1,500.00	1,500.00	2	2,500.00	2,500.00
24	1	EA	REHABILITATE SSMH#162, ARDEN	1,200.00	1,200.00	2	1,400.00	1,400.00	2	2,500.00	2,500.00
25	1	EA	REMOVE AND REPLACE EXISTING SSMH#160 MANHOLE FRAME AND COVER WITH BOLT-DOWN FRAME AND COVER	1,500.00	1,500.00	--	1,200.00	1,200.00	--	12,500.00	12,500.00
26	1	EA	REHABILITATE SSMH#158, ARDEN	1,380.00	1,380.00	2	1,900.00	1,900.00	2	2,500.00	2,500.00
27	1	EA	REHABILITATE SSMH#80A, SHASTA	6,300.00	6,300.00	2	5,300.00	5,300.00	2	10,550.00	10,550.00
28	1	EA	REHABILITATE SSMH#79, SHASTA	5,900.00	5,900.00	2	5,000.00	5,000.00	2	8,500.00	8,500.00
29	1	EA	REHABILITATE SSMH#78, SHASTA	6,100.00	6,100.00	2	5,100.00	5,100.00	2	9,500.00	9,500.00
30	1	EA	REHABILITATE SSMH#77, SHASTA	6,000.00	6,000.00	2	5,000.00	5,000.00	2	8,500.00	8,500.00
31	1	EA	REHABILITATE SSMH#76, SHASTA	5,790.00	5,790.00	2	5,200.00	5,200.00	2	9,500.00	9,500.00
32	1	EA	REHABILITATE SSMH#75, SHASTA	4,950.00	4,950.00	2	4,100.00	4,100.00	2	8,500.00	8,500.00
33	1	EA	REHABILITATE SSMH#74, SHASTA	3,690.00	3,690.00	2	3,200.00	3,200.00	2	6,500.00	6,500.00
34	1	EA	REHABILITATE SSMH#66, SHASTA	3,600.00	3,600.00	2	3,100.00	3,100.00	2	6,500.00	6,500.00
35	1	EA	REHABILITATE SSMH#133, SHASTA	3,150.00	3,150.00	2	2,800.00	2,800.00	2	6,500.00	6,500.00
36	1	EA	REMOVE AND REPLACE SSMH#132, SHASTA	5,130.00	5,130.00	3	14,500.00	14,500.00	2	12,500.00	12,500.00
37	1	EA	REHABILITATE SSMH#129, SHASTA	2,250.00	2,250.00	2	2,200.00	2,200.00	2	4,500.00	4,500.00
38	1	EA	CONSTRUCT NEW SSMH#129A, SHASTA	5,500.00	5,500.00	--	11,500.00	11,500.00	--	12,500.00	12,500.00
39	2394	LF	LINE EX 27-INCH SS WITH 24-INCH MIN. I.D. LINER	190.00	454,860.00	1	145.00	347,130.00	2	145.00	347,130.00
40	480	LF	CONSTRUCT 24-INCH SS	250.00	120,000.00	--	360.00	172,800.00	--	325.00	156,000.00

CITY OF HAYWARD

ARDEN/SHASTA TRUNK SEWERS AND MANHOLE REHABILITATION PROJECT

PROJECT NO. 7563 & 7564

BIDS OPENED: NOVEMBER 2, 1999

(NUMBER OF BIDS RECEIVED - 8)

PAGE 9 OF 12

BID SUMMARY				ENGINEER'S ESTIMATE		GELCO SERVICES, INC. 2990 PORTLAND RD., NE SALEM, OR 97303 (503) 364-1199			ANDES CONSTRUCTION, INC. 5305 E. 12TH STREET OAKLAND, CA (510) 536-7832		
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL
41	89	LF	REMOVE AND REPLACE EXISTING 27- INCH SS WITH 24-INCH SS	300.00	26,700.00	--	385.00	34,265.00	--	300.00	26,700.00
42	1	LS	BYPASS PUMPING	15,000.00	15,000.00	--	9,500.00	9,500.00	--	44,000.00	44,000.00
43	1	LS	TRENCH SHORING, SHEETING AND BRACING	2,500.00	2,500.00	--	44,000.00	44,000.00	--	20,000.00	20,000.00
44	5	CY	ROCK EXCAVATION (THIS BID ITEM IS REVOCABLE IF NO ROCK EXCAVATION IS REQUIRED.)	50.00	250.00	--	22.00	110.00	--	1.00	5.00
45	20	CY	UNSATISFACTORY SOIL CONDITIONS (THIS ITEM IS REVOCABLE IF NO SATISFACTORY MATERIAL IS ENCOUNTERED.)	50.00	1,000.00	--	22.00	440.00	--	1.00	20.00
46	4	EA	EXPLORATORY EXCAVATION, (POTHOLING)	500.00	2,000.00	--	1,100.00	4,400.00	--	1.00	4.00
47	1	LS	ADMINISTRATIVE CHANGE ORDER	150,000.00	150,000.00	--	150,000.00	150,000.00	--	150,000.00	150,000.00
			TOTAL		911,519.00			942,745.00			975,309.00

CITY OF HAYWARD

ARDEN/SHASTA TRUNK SEWERS AND MANHOLE REHABILITATION PROJECT

PROJECT NO. 7563 & 7564

BIDS OPENED: NOVEMBER 2, 1999

(NUMBER OF BIDS RECEIVED - 8)

PAGE 10 OF 12

BID SUMMARY				ENGINEER'S ESTIMATE		J. HOWARD ENGINEERING, INC. 724 CAROLAN AVENUE BURLINGAME, CA 94010 (650) 375-8314			McGUIRE AND HESTER 9009 RAILROAD AVENUE OAKLAND, CA 94603 (510) 632-7676		
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL
1	1	LS	CONSTRUCTION AREA SIGNS	2,500.00	2,500.00	--	10,000.00	10,000.00	--	5,000.00	5,000.00
2	1	LS	TRAFFIC CONTROL	7,500.00	7,500.00	--	25,000.00	25,000.00	--	5,000.00	5,000.00
FOR EACH PAY ITEM OF REHABILITATE SANITARY SEWER MANHOLE (SSMH), ITEM NUMBERS 3 THROUGH 37, EXCEPT 25 AND 38, IDENTIFY THE OPTION NUMBER SELECTED IN THE SPACE PROVIDED.											
OPTION 1: FIBERGLASS LINER											
OPTION 2: EPOXY MORTAR COATING											
OPTION 3: REMOVE AND REPLACE CONCRETE BARRELL AND CONE											
3	1	EA	REHABILITATE SSMH#183, ARDEN	4,050.00	4,050.00	2	3,000.00	3,000.00	2	4,000.00	4,000.00
4	1	EA	REHABILITATE SSMH#182, ARDEN	3,825.00	3,825.00	2	3,000.00	3,000.00	2	3,900.00	3,900.00
5	1	EA	REHABILITATE SSMH#181, ARDEN	3,825.00	3,825.00	2	3,000.00	3,000.00	2	4,000.00	4,000.00
6	1	EA	REHABILITATE SSMH#180, ARDEN	3,690.00	3,690.00	2	3,000.00	3,000.00	2	4,400.00	4,400.00
7	1	EA	REHABILITATE SSMH#179, ARDEN	4,350.00	4,350.00	2	3,000.00	3,000.00	2	4,000.00	4,000.00
8	1	EA	REHABILITATE SSMH#178, ARDEN	3,750.00	3,750.00	2	3,000.00	3,000.00	2	3,900.00	3,900.00
9	1	EA	REHABILITATE SSMH#177, ARDEN	3,150.00	3,150.00	2	3,000.00	3,000.00	2	4,600.00	4,600.00
10	1	EA	REHABILITATE SSMH#176, ARDEN	3,150.00	3,150.00	2	3,000.00	3,000.00	2	4,700.00	4,700.00
11	1	EA	REHABILITATE SSMH#175, ARDEN	3,600.00	3,600.00	2	3,000.00	3,000.00	2	4,800.00	4,800.00
12	1	EA	REHABILITATE SSMH#174, ARDEN	4,796.00	4,796.00	2	3,000.00	3,000.00	2	4,300.00	4,300.00
13	1	EA	REHABILITATE SSMH#173, ARDEN	4,658.00	4,658.00	2	3,000.00	3,000.00	2	4,200.00	4,200.00
14	1	EA	REHABILITATE SSMH#172, ARDEN	4,140.00	4,140.00	2	3,000.00	3,000.00	2	3,700.00	3,700.00
15	1	EA	REHABILITATE SSMH#171, ARDEN	3,960.00	3,960.00	2	3,000.00	3,000.00	2	4,400.00	4,400.00
16	1	EA	REHABILITATE SSMH#170, ARDEN	2,100.00	2,100.00	2	3,000.00	3,000.00	2	3,100.00	3,100.00
17	1	EA	REHABILITATE SSMH#169, ARDEN	2,490.00	2,490.00	2	3,000.00	3,000.00	2	2,800.00	2,800.00
18	1	EA	REHABILITATE SSMH#168, ARDEN	2,490.00	2,490.00	2	3,000.00	3,000.00	2	2,900.00	2,900.00
19	1	EA	REHABILITATE SSMH#167, ARDEN	2,100.00	2,100.00	2	3,000.00	3,000.00	2	2,400.00	2,400.00
20	1	EA	REHABILITATE SSMH#166, ARDEN	2,145.00	2,145.00	2	3,000.00	3,000.00	2	2,300.00	2,300.00

CITY OF HAYWARD

ARDEN/SHASTA TRUNK SEWERS AND MANHOLE REHABILITATION PROJECT

PROJECT NO. 7563 & 7564

BIDS OPENED: NOVEMBER 2, 1999

(NUMBER OF BIDS RECEIVED - 8)

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BID SUMMARY			ENGINEER'S ESTIMATE		J. HOWARD ENGINEERING, INC. 724 CAROLAN AVENUE BURLINGAME, CA 94010 (650) 375-8314			McGUIRE AND HESTER 9009 RAILROAD AVENUE OAKLAND, CA 94603 (510) 632-7676			
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL
21	1	EA	REHABILITATE SSMH#165, ARDEN	1,575.00	1,575.00	2	3,000.00	3,000.00	2	2,100.00	2,100.00
22	1	EA	REHABILITATE SSMH#164, ARDEN	1,650.00	1,650.00	2	3,000.00	3,000.00	2	2,000.00	2,000.00
23	1	EA	REHABILITATE SSMH#163, ARDEN	1,275.00	1,275.00	2	3,000.00	3,000.00	2	1,800.00	1,800.00
24	1	EA	REHABILITATE SSMH#162, ARDEN	1,200.00	1,200.00	2	3,000.00	3,000.00	2	1,700.00	1,700.00
25	1	EA	REMOVE AND REPLACE EXISTING SSMH#160 MANHOLE FRAME AND COVER WITH BOLT-DOWN FRAME AND COVER	1,500.00	1,500.00	--	2,000.00	2,000.00	--	1,600.00	1,600.00
26	1	EA	REHABILITATE SSMH#158, ARDEN	1,380.00	1,380.00	2	3,000.00	3,000.00	2	2,100.00	2,100.00
27	1	EA	REHABILITATE SSMH#80A, SHASTA	6,300.00	6,300.00	2	3,000.00	3,000.00	2	6,000.00	6,000.00
28	1	EA	REHABILITATE SSMH#79, SHASTA	5,900.00	5,900.00	2	3,000.00	3,000.00	2	5,600.00	5,600.00
29	1	EA	REHABILITATE SSMH#78, SHASTA	6,100.00	6,100.00	2	3,000.00	3,000.00	3	5,300.00	5,300.00
30	1	EA	REHABILITATE SSMH#77, SHASTA	6,000.00	6,000.00	2	3,000.00	3,000.00	2	5,700.00	5,700.00
31	1	EA	REHABILITATE SSMH#76, SHASTA	5,790.00	5,790.00	2	3,000.00	3,000.00	2	6,100.00	6,100.00
32	1	EA	REHABILITATE SSMH#75, SHASTA	4,950.00	4,950.00	2	3,000.00	3,000.00	2	5,400.00	5,400.00
33	1	EA	REHABILITATE SSMH#74, SHASTA	3,690.00	3,690.00	2	3,000.00	3,000.00	2	3,800.00	3,800.00
34	1	EA	REHABILITATE SSMH#66, SHASTA	3,600.00	3,600.00	2	3,000.00	3,000.00	2	3,700.00	3,700.00
35	1	EA	REHABILITATE SSMH#133, SHASTA	3,150.00	3,150.00	2	3,000.00	3,000.00	3	4,000.00	4,000.00
36	1	EA	REMOVE AND REPLACE SSMH#132, SHASTA	5,130.00	5,130.00	--	7,000.00	7,000.00	3	4,000.00	4,000.00
37	1	EA	REHABILITATE SSMH#129, SHASTA	2,250.00	2,250.00	2	3,000.00	3,000.00	3	5,000.00	5,000.00
38	1	EA	CONSTRUCT NEW SSMH#129A, SHASTA	5,500.00	5,500.00	--	6,500.00	6,500.00	--	5,000.00	5,000.00
39	2394	LF	LINE EX 27-INCH SS WITH 24-INCH MIN. I.D. LINER	190.00	454,860.00	2	160.00	383,040.00	1	150.00	359,100.00
40	480	LF	CONSTRUCT 24-INCH SS	250.00	120,000.00	--	275.00	132,000.00	--	475.00	228,000.00

CITY OF HAYWARD
 ARDEN/SHASTA TRUNK SEWERS AND MANHOLE REHABILITATION PROJECT
 PROJECT NO. 7563 & 7564
 BIDS OPENED: NOVEMBER 2, 1999

(NUMBER OF BIDS RECEIVED - 8)

PAGE 12 OF 12

BID SUMMARY			ENGINEER'S ESTIMATE		J. HOWARD ENGINEERING, INC. 724 CAROLAN AVENUE BURLINGAME, CA 94010 (650) 375-8314			McGUIRE AND HESTER 9009 RAILROAD AVENUE OAKLAND, CA 94603 (510) 632-7676			
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL	OPTION No.	UNIT PRICE	TOTAL
41	89	LF	REMOVE AND REPLACE EXISTING 27-INCH SS WITH 24-INCH SS	300.00	26,700.00	--	300.00	26,700.00	--	550.00	48,950.00
42	1	LS	BYPASS PUMPING	15,000.00	15,000.00	--	89,000.00	89,000.00	--	15,000.00	15,000.00
43	1	LS	TRENCH SHORING, SHEETING AND BRACING	2,500.00	2,500.00	--	75,000.00	75,000.00	--	60,000.00	60,000.00
44	5	CY	ROCK EXCAVATION (THIS BID ITEM IS REVOCABLE IF NO ROCK EXCAVATION IS REQUIRED.)	50.00	250.00	--	10.00	50.00	--	1.00	5.00
45	20	CY	UNSATISFACTORY SOIL CONDITIONS (THIS ITEM IS REVOCABLE IF NO SATISFACTORY MATERIAL IS ENCOUNTERED.)	50.00	1,000.00	--	15.00	300.00	--	100.00	2,000.00
46	4	EA	EXPLORATORY EXCAVATION, (POTHOLING)	500.00	2,000.00	--	500.00	2,000.00	--	600.00	2,400.00
47	1	LS	ADMINISTRATIVE CHANGE ORDER	150,000.00	150,000.00	--	150,000.00	150,000.00	--	150,000.00	150,000.00
			TOTAL		911,519.00			1,007,590.00			1,014,755.00

DRAFT JVB 4/10/99

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

RESOLUTION APPROVING ADDENDA NOS. 1 AND 2 FOR
THE ARDEN/SHASTA TRUNK SEWER AND MANHOLE
REHABILITATION PROJECT, PROJECT NOS. 7563 AND
7564, AND AWARDING CONTRACT TO MOUNTAIN
CASCADE, INC.

WHEREAS, by resolution on September 21, 1999, the City Council approved the plans and specifications for the Arden/Shasta Trunk Sewer and Manhole Rehabilitation Project, Project Nos. 7563 and 7564, and called for bids to be received on October 26, 1999; and

WHEREAS, Addendum No. 1 was issued to move the date to call for bids to November 2, 1999, and Addendum No. 2 was issued to make minor revisions to the plans and specifications.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addenda Nos. 1 and 2, copies of which are on file in the office of the City Clerk, are hereby approved and adopted as part of the plans and specifications for the project.

BE IT FURTHER RESOLVED that Mountain Cascade, Inc., the lowest responsible bidder, is hereby awarded the contract for the Arden/Shasta Trunk Sewer and Manhole Rehabilitation Project, Project Nos. 7463 and 7564, in accordance with the plans and specifications adopted therefor and on file in the office of the City Clerk of the City of Hayward at and for the price named and stated in the bid of the hereinabove specified bidder.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to execute an agreement with Mountain Cascade, Inc., in an amount not to exceed \$734,248, for the award of the contract on behalf of the City of Hayward, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 1999

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward